

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051523\
 Data File : VX035675.D
 Acq On : 15 May 2023 19:05
 Operator : JC/MD
 Sample : 02643-07MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-PRO-07-90-05032023MS

Quant Time: May 16 05:04:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 11 13:57:54 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/16/2023
 Supervised By : Mahesh Dadoda 05/16/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	141358	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	271629	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	241837	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	108920	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	142697	57.865	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 115.720%			
35) Dibromofluoromethane	5.385	113	94919	51.816	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.640%			
50) Toluene-d8	8.647	98	331945	49.051	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.100%			
62) 4-Bromofluorobenzene	11.079	95	132529	48.638	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 97.280%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	86240	46.812	ug/l	98
3) Chloromethane	1.295	50	105211	47.060	ug/l	98
4) Vinyl Chloride	1.374	62	95784	50.484	ug/l	100
5) Bromomethane	1.618	94	55778	54.281	ug/l	94
6) Chloroethane	1.691	64	59022	51.278	ug/l	98
7) Trichlorofluoromethane	1.886	101	133120	47.717	ug/l	98
8) Diethyl Ether	2.130	74	62364	58.059	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.325	101	77882	47.020	ug/l	95
10) Methyl Iodide	2.453	142	80617	54.420	ug/l	91
11) Tert butyl alcohol	3.008	59	142342	327.166	ug/l	# 93
12) 1,1-Dichloroethene	2.319	96	78890	50.114	ug/l	88
13) Acrolein	2.239	56	168329	325.978	ug/l	100
14) Allyl chloride	2.666	41	176896	52.453	ug/l	95
15) Acrylonitrile	3.069	53	345924	361.071	ug/l	98
16) Acetone	2.398	43	339883	320.675	ug/l	94
17) Carbon Disulfide	2.514	76	162717	42.829	ug/l	99
18) Methyl Acetate	2.709	43	280685	71.807	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	361282	57.673	ug/l	100
20) Methylene Chloride	2.788	84	101747	52.968	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	87607	50.788	ug/l	93
22) Diisopropyl ether	3.757	45	367586	55.669	ug/l	98
23) Vinyl Acetate	3.721	43	1417046	303.297	ug/l	98
24) 1,1-Dichloroethane	3.611	63	188432	53.358	ug/l	99
25) 2-Butanone	4.562	43	518839	353.618	ug/l	99
26) 2,2-Dichloropropane	4.471	77	131446	43.954	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	109294	52.707	ug/l	94
28) Bromochloromethane	4.898	49	96134	60.521	ug/l	97
29) Tetrahydrofuran	5.013	42	332514	360.564	ug/l	98
30) Chloroform	5.093	83	199316	55.079	ug/l	96
31) Cyclohexane	5.471	56	142577	45.761	ug/l	94
32) 1,1,1-Trichloroethane	5.379	97	160040	50.829	ug/l	98
36) 1,1-Dichloropropene	5.690	75	129966	44.947	ug/l	98
37) Ethyl Acetate	4.715	43	195335	64.768	ug/l	99
38) Carbon Tetrachloride	5.678	117	123762	45.183	ug/l	96
39) Methylcyclohexane	7.379	83	139555	41.001	ug/l	93
40) Benzene	6.038	78	396864	49.062	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051523\
 Data File : VX035675.D
 Acq On : 15 May 2023 19:05
 Operator : JC/MD
 Sample : 02643-07MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-PRO-07-90-05032023MS

Quant Time: May 16 05:04:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 11 13:57:54 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 05/16/2023
 Supervised By :Mahesh Dadoda 05/16/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	111136	62.064	ug/l	97
42) 1,2-Dichloroethane	6.086	62	183831	52.830	ug/l	96
43) Isopropyl Acetate	6.336	43	309554	58.861	ug/l	99
44) Trichloroethene	7.123	130	374512	182.593	ug/l	93
45) 1,2-Dichloropropane	7.428	63	109416	51.073	ug/l	99
46) Dibromomethane	7.580	93	77713	52.994	ug/l	93
47) Bromodichloromethane	7.824	83	145852	51.457	ug/l	99
48) Methyl methacrylate	7.690	41	156302	60.222	ug/l	95
49) 1,4-Dioxane	7.720	88	60897	1178.765	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	993116	327.781	ug/l	98
52) Toluene	8.720	92	241478	47.292	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	157754	51.227	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	167129	50.655	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	108734	54.218	ug/l	98
56) Ethyl methacrylate	9.116	69	180233	55.495	ug/l	96
57) 1,3-Dichloropropane	9.305	76	194412	53.474	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	498660	301.818	ug/l	99
59) 2-Hexanone	9.433	43	764232	334.933	ug/l	98
60) Dibromochloromethane	9.519	129	100530	52.587	ug/l	100
61) 1,2-Dibromoethane	9.610	107	114646	54.258	ug/l	99
64) Tetrachloroethene	9.275	164	68686	42.187	ug/l	93
65) Chlorobenzene	10.080	112	253583	48.036	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	94326	50.533	ug/l	99
67) Ethyl Benzene	10.195	91	458874	46.218	ug/l	98
68) m/p-Xylenes	10.299	106	338428	92.217	ug/l	94
69) o-Xylene	10.640	106	171701	47.149	ug/l	94
70) Styrene	10.653	104	285492	48.642	ug/l	98
71) Bromoform	10.799	173	64893	52.837	ug/l #	99
73) Isopropylbenzene	10.964	105	430150	46.867	ug/l	98
74) N-amyl acetate	10.842	43	249187	58.230	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	175620	58.986	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	154361m	57.939	ug/l	
77) Bromobenzene	11.195	156	102184	49.052	ug/l	90
78) n-propylbenzene	11.305	91	488055	45.236	ug/l	98
79) 2-Chlorotoluene	11.366	91	318585	47.164	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	355009	45.509	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	46573	56.338	ug/l	86
82) 4-Chlorotoluene	11.451	91	361453	46.464	ug/l	97
83) tert-Butylbenzene	11.713	119	343458	45.295	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	365690	46.688	ug/l	97
85) sec-Butylbenzene	11.890	105	404187	42.454	ug/l	97
86) p-Isopropyltoluene	12.012	119	336710	43.019	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	179540	45.368	ug/l	96
88) 1,4-Dichlorobenzene	12.043	146	181502	45.419	ug/l	98
89) n-Butylbenzene	12.329	91	282074	39.617	ug/l	98
90) Hexachloroethane	12.536	117	49796	41.975	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	183768	47.421	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	42813	64.575	ug/l	90
93) 1,2,4-Trichlorobenzene	13.591	180	93253	39.965	ug/l	97
94) Hexachlorobutadiene	13.725	225	28317	30.574	ug/l	97
95) Naphthalene	13.774	128	422732	52.902	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	94705	41.268	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051523\
Data File : VX035675.D
Acq On : 15 May 2023 19:05
Operator : JC/MD
Sample : 02643-07MS
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Quant Time: May 16 05:04:01 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
Quant Title : SW846 8260
QLast Update : Thu May 11 13:57:54 2023
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-07-90-05032023MS

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

